

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11)

**EP 0 487 987 B1**

(12)

**EUROPEAN PATENT SPECIFICATION**

(45) Date of publication and mention  
of the grant of the patent:  
24.01.1996 Bulletin 1996/04

(51) Int Cl.<sup>6</sup>: **G05D 23/02**

(21) Application number: 91119461.1

**BEST AVAILABLE COPY**

(22) Date of filing: 14.11.1991

(54) **Shut-off device**

Sperrvorrichtung

Dispositif d'arrêt

(84) Designated Contracting States:

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

(72) Inventors:

- Pizzey, Harley A  
Notting Hill, Victoria 3168 (AU)

(30) Priority: 28.11.1990 AU 3581/90  
03.04.1991 AU 5389/91

- Robards, Francis S.  
Peakhurst, New South Wales 2210 (AU)

(43) Date of publication of application:  
03.06.1992 Bulletin 1992/23

(74) Representative: Föchse, Klaus, Dipl.-Ing. et al  
D-81904 München (DE)

(73) Proprietors:

- Pizzey, Harley A  
Notting Hill, Victoria 3168 (AU)
- Robards, Francis S.  
Peakhurst, New South Wales 2210 (AU)

(56) References cited:

GB-A- 417 312                      US-A- 4 210 284  
US-A- 4 281 790

**0 487 987 B1**

Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in